

CSE 389-03, Fall 2009

Practicum in L^AT_EX

Especially for thesis authors!

$$\int \frac{dx}{X^{n+1}} = \begin{cases} \frac{2cx + b}{nqX^n} + \frac{2(2n-1)c}{qn} \int \frac{dx}{X^n} \\ \text{or} \\ \frac{(2n)!}{(n!)^2} \left(\frac{c}{q}\right)^n \left[\frac{2cx + b}{q} \sum_{r=1}^n \left(\frac{q}{cX}\right)^r \left(\frac{(r-1)!r!}{(2r)!}\right) + \int \frac{dx}{X} \right] \end{cases}$$

To get great-looking publications, the L^AT_EX typesetting system is an excellent choice, especially for documents with significant mathematical content.

This course will teach you the fundamentals of high-quality typesetting in L^AT_EX. It is particularly recommended for anyone about to write a thesis or dissertation; we will be working closely with the Graduate Office to help you conform to their formatting standards.

Undergraduates are also welcome.

- 1 credit; CRN 23839.
- Tuesdays, 4:00–4:50pm, Speare 23.
- Text: *Guide to L^AT_EX*, 4th ed., Helmut Kopka, ISBN 0-321-17385-6.
- We will cover integration of bibliographic citations from EndNote.
- Instructor: John Shipman, Tech Computer Center, john@nmt.edu.